

Guyon's canal

Guyon's canal (*canalis ulnaris*) is found on the ulnar side of the hand distal to the *canalis carpi*.

Boundaries:

- **proximal:** *hiatus proximalis* (opening in the *lig. carpi palmare*, approximately at the level of the proximal edge of the *os pisiforme*, through which the *n. et vasa ulnaria* from under the superficial fascia of the forearm to the subcutaneous tissue). The surface edge of the opening is reinforced in the so-called *crus superficiale*, the deeper edge borders the *crus profundum*;
- **distal:** *hiatus distalis* (below the fibrous arch connecting the beginning of the *m. flexor digiti minimi* to the *hamulus ossis hamati* with the beginning *m. abductor digiti minimi* on the *os pisiforme*), in this opening they dive in *r. profundus n. ulnaris* and *rr. profundi vasorum ulnarium* into the deep, while *r. superficialis n. ulnaris* and *rr. superficiales vasorum ulnarium* run through this arch further distal to the IV. and V. finger;
- **ulnarly:** *os pisiforme*, further distally also the beginnings of the hypotenar muscles;
- **radially:** *hamulus ossis hamati*;
- **bottom:** *retinaculum musculorum flexorum* (separates Guyon's canal from the carpal tunnel), *lig. pisohamatum et pisometacarpale*;
- **ceiling:** subcutaneous ligament, further distally *m. palmaris brevis*.

Content:

- ***n. ulnaris et vasa ulnaria*** (so it goes through the Guyon canal above *lig. carpi transversum* – outside of the carpal canal).

Links

Related articles

- Topographical anatomy of the hand and fingers: foveola radialis, canalis carpi, Guiot space, Kanavel's space
- Syndroma canalis Guyoni

External links

- HOLEK, Martin. *Topografie horní a dolní končetiny : Multimediální podpora výuky klinických a zdravotnických oborů* [online]. Portál 3. lékařské fakulty UK [online], ©2010. The last revision 23.11.2011, [cit. 26.11.2011]. <<http://portal.lf3.cuni.cz/clanky.php?aid=49>>.

Source

- PASTOR, Jan. *Langenbeck's medical web page* [online]. [cit. 17.04.2010]. <<http://langenbeck.webs.com>>.